

File 348:EUROPEAN PATENTS 1978-2005/Apr W03

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050421,UT=20050414

(c) 2005 WIPO/Univentio

File 324:German Patents Fulltext 1967-200516

(c) 2005 Univentio

Set	Items	Description
S1	786843	TABLE OR TABLES
S2	1333637	RESULTS OR RESULTS
S3	930599	CACHE? ? OR MEMORY? OR MEMORIES OR STORAGE
S4	46	MULTITABLE? OR MULTICACH? OR MULTIMEMOR? OR MULTISTORAGE
S5	92292	(MULTIPL? OR MANY OR MULTI OR SEVERAL OR NUMEROUS OR ADDIT- IONAL OR PLURALIT? OR DIFFERENT OR SECOND OR 2ND) (1W)S1:S3
S6	91711	(GROUP? ? OR NUMBER OR PAIR? ? OR SERIES OR ANOTHER OR DUAL OR TWO OR THREE OR COUPLE OR TRIO OR THIRD OR 3RD) (1W)S1:S3
S7	109126	S1:S4 (3N) (PARTITION? OR SECTION? OR PORTION? OR SEGMENT? OR SUBDIVID? OR SUBDIVIS? OR DIVID? OR DIVISION?)
S8	1718131	ADD OR ADDS OR ADDED OR ADDING OR ADDITIONAL
S9	1563781	REMOVE OR REMOVES OR REMOVED OR REMOVING OR DELET???? ? OR PURG???? ? OR ELIMINAT? OR DISCARD? OR EXTIRP? OR EXPULS?
S10	140311	ERAS???? ? OR EXPEL??? ? OR EXPELL??? ?
S11	1625247	UPDAT???? ? OR MODIFY? OR MODIFIE? ? OR MODIFICATION? OR U- P()DAT???? ? OR EMEND? OR AMEND? OR RECTIF? OR CORRECT? OR RE- VIS???? ?
S12	459430	ALTER?? ? OR ALTERING OR ALTERR? OR ALTERATION? OR EDIT OR EDITS OR EDITED OR EDITING
S13	2248742	CHANG??? ?
S14	1482	LDAP OR LDAPS OR (LIGHTWEIGHT OR LIGHT()WEIGHT) (1W) (DIRECT- OR? OR DATA OR DATABASE?) (1W)ACCESS?(1W)PROTOCOL?
S15	103844	DATABASE? OR DATASET? OR DATABANK? OR DATASTOR? OR DATAFIL- E? OR DATADEPOSIT? OR DATAREPOSIT? OR DATAWAREHOUS? OR DATAMA- RT?
S16	276	DATACOLLECT? OR DATALIBRAR?
S17	199487	DATA() (SET? ? OR BASE? ? OR BANK? ? OR STORE? ? OR STORAGE OR FILE? ? OR DEPOSITOR? OR REPOSITOR? OR WAREHOUS? OR WARE()- HOUS??? ?)
S18	24571	DATA() (MART? ? OR MARKET? ? OR ARCHIV? OR STOREHOUS? OR LI- BRAR? OR COLLECTION?)
S19	135777	S8 (3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR ENTRI- ES)
S20	68896	S9:S10 (3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR E- NTRIES)
S21	240846	S11:S13 (3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR - ENTRIES)
S22	739	S7 (20N)S19
S23	102	S22 (20N)S20:S21
S24	771	S7 (20N)S20
S25	95	S24 (20N) (S19 OR S21)
S26	1976	S7 (20N)S21
S27	128	S26 (20N)S19:S20
S28	0	(S23 OR S25 OR S27) (20N)S14
S29	46	(S23 OR S25 OR S27) (20N)S15:S18
S30	0	S14 (20N) (S22 OR S24 OR S26)
S31	167	S14 (20N)S8
S32	60	S14 (20N)S19
S33	0	S14 (20N)S7

S34	46	IDPAT S29 (sorted in duplicate/non-duplicate order)
S35	46	IDPAT S29' (primary/non-duplicate records only)
S36	0	S7(20N)S14
S37	54	S31(20N)S9:S10
S38	73	S31(20N)S11:S13
S39	100	S14(20N)S9:S10
S40	72	S39(20N)S11:S13
S41	96	S37:S38 OR S40
S42	16798	IC='G06F-017/30':IC='G06F-017/32'
S43	30	S31 AND S42
S44	30	S43 NOT S35
S45	30	IDPAT (sorted in duplicate/non-duplicate order)
S46	30	IDPAT (primary/non-duplicate records only)

? t35/5,k/11,25,34,39-40,44

35/5,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01427053

RECEPTION TERMINAL SIMULATOR, SENDING SCHEDULE MAKING DEVICE, RECEPTION
TERMINAL, DATA TRANSMISSION/RECEPTION SYSTEM COMPRISING THEM
EMPFANGSENDGERATSIMULATOR, GERAT ZUR ERSTELLUNG EINES SENDEPLANES,
EMPFANGSENDGERAT SOWIE DIESE ENTHALTENDES DATEN-SENDE/EMPFANGSSYSTEM
SIMULATEUR DE TERMINAL DE RECEPTION, DISPOSITIF DE CONCEPTION D'UN
PROGRAMME DE DIFFUSION, TERMINAL DE RECEPTION, SYSTEME DE
TRANSMISSION/RECEPTION DE DONNEES AINSI REALISE

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

TSUKIDATE, Ryota, 2-396-1-612, Todehontyou Saiwai-ku, Kawasaki-shi
Kanagawa 212-0023, (JP)

NISHI, Hiroyuki, 3-23-9-305, Hamadayama, Suginami-ku Tokyo 168-0065, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1235371 A1 020828 (Basic)
WO 2002021740 020314

APPLICATION (CC, No, Date): EP 2001958552 010828; WO 2001JP7358 010828

PRIORITY (CC, No, Date): JP 2000266326 000901; JP 2000295284 000927; JP
2001149335 010518

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; LI

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04H-007/00; H04H-001/00; G06F-013/00

CITED PATENTS (WO A): JP 9305670 A ; JP 10032796 A ; JP 11196385 A ; JP
8331075 A ; JP 7240726 A ; JP 8051374 A

ABSTRACT EP 1235371 A1

In a data transmission system, the situation of a receiving terminal is
made known or precisely estimated to control delivery data or prepare a
data broadcast schedule, thereby preventing troubles in data
transmission.

For transmission of data in a data transmission system using one-way
communication, the information on transmitted data is controlled in a
database and the receive, storage, and delete processing at the receiving
terminal is simulated using the information on the data, thereby allowing
the situation of the receiving terminal to be known. Using this, the
subsequent delivery plan is made or a data delivery schedule is prepared
using a simulation result. This realizes an efficient data transmission.
The information on data includes an expiry date and conditions for
receiving data (such as regions or receiving-terminal types).

ABSTRACT WORD COUNT: 130

NOTE:

Figure number on first page: 0001

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020508 A1 International application. (Art. 158(1))

Application: 020508 A1 International application entering European
phase

Application: 020828 A1 Published application with search report

Examination: 020828 A1 Date of request for examination: 20020514

Change: 040526 A1 Designated contracting states changed 20040408

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200235	2067
SPEC A	(English)	200235	10426
Total word count - document A			12493
Total word count - document B			0
Total word count - documents A + B			12493

...CLAIMS receiving terminal comprising
a receiving portion for receiving data from a data transmission system,

a data storage and update portion for storing, updating, or deleting the received data ,

a storage area for storing data therein,

a storage area control portion for controlling an operation of writing or deleting data on the storage area, and

a clock portion for providing clock information used for said storage area control portion to determine whether an expiry date of data stored in the storage area and having the expiry date has ended.

32. The receiving terminal...data reception system having
a portion for receiving data from the data transmission system,
a data storage and update portion for storing received data,
a storage area for storing data therein,
a storage area control portion for controlling an operation of writing or deleting data on the storage area, and
a clock portion for providing clock information used for said storage area control portion to determine whether an expiry date of data stored in the storage area and having the expiry date has ended, wherein
received data is...

35/5,K/25 (Item 25 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00773090

Relational database system and method with high data availability during table data restructuring
Relationales Datenbanksystem und Verfahren mit grosser Verflugbarkeit der Daten bei der Umstrukturierung von Tabellendaten
Systeme de gestion de base de donnees relationnelle et procede avec grande disponibilite de donnees pendant la restructuration de tables

PATENT ASSIGNEE:

Compaq Computer Corporation, (687790), 20555 S.H. 249, Houston, Texas 77070-2698, (US), (Proprietor designated states: all)

INVENTOR:

Maier, Donald S., 2251 Middletown Drive, Campbell, California 95008, (US)
Marton, Roberta S., 48276 Cottonwood Street, Fremont, California 94539, (US)
Troisi, James H., 837 Orange Avenue, Sunnyvale, California 94087, (US)
Celis, Pedro, (NMI), 6607 Rain Creek Parkway, Austin, Texas 78759-6123, (US)

LEGAL REPRESENTATIVE:

Cross, Rupert Edward Blount et al (42891), BOULT WADE TENNANT, Verulam
Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)
PATENT (CC, No, Kind, Date): EP 723238 A1 960724 (Basic)
EP 723238 B1 010919
APPLICATION (CC, No, Date): EP 96300429 960123;
PRIORITY (CC, No, Date): US 377758 950123
DESIGNATED STATES: DE; FR; GB; IT; SE
INTERNATIONAL PATENT CLASS: G06F-017/30
CITED PATENTS (EP B): EP 306197 A; EP 560543 A
CITED REFERENCES (EP B):
INTELLECTUAL LEVERAGE, SAN FRANCISCO, FEB. 25 - MAR. 1, 1991, no. CONF.
36, 25 February 1991, INSTITUTE OF ELECTRICAL AND ELECTRONICS
ENGINEERS, pages 105-109, XP000293859 LESLIE H: "OPTIMIZING PARALLEL
QUERY PLANS AND EXECUTION";

ABSTRACT EP 723238 A1

A database computer system includes memory, residing in a plurality of interconnected computer nodes, for storing database tables. Each database table has a plurality of columns, a primary key index based on a specified subset of the columns, and an associated table schema. At least a subset of the database tables are partitioned into a plurality of partitions, each partition storing records having primary key values in a primary key range distinct from the other partitions. A transaction manager generates and stores an audit trail, each audit entry denoting a database table record event, such as an addition, deletion or alteration of a specified database table record in a specified one of said database tables. Four online data definition procedures allow the structure of a database table to be altered while the database table remains available to execution of transactions, with minimal impact of the availability of the database table for transaction execution. The four online data definition procedures are a move partition procedure, a split partition procedure, a move partition boundary procedure, and a create new index procedure. Each of these online procedures has three or four phases of execution. In a first phase, records of a table partition or the entire table are accessed using read only access, so as to generate a new partition, move records between two partitions, or to create a new index. In a second phase, audit trail entries are used to clean up the data structures created during the first phase. In a third phase, access to the database table is briefly locked while audit trail entries created after the second phase are used to make final changes to the data structures created during the first phase, and while the database table schema is updated to reflect the changes to the database table produced. (see image in original document)

ABSTRACT WORD COUNT: 338

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000823 A1 Title of invention (German) changed: 20000706
Examination: 20000112 A1 Date of dispatch of the first examination
report: 19991129
Lapse: 040414 B1 Date of lapse of European Patent in a
contracting state (Country, date): SE
20011219,
Grant: 010919 B1 Granted patent
Change: 001004 A1 Title of invention (French) changed: 20000811
Change: 001004 A1 Title of invention (German) changed: 20000811
Change: 000823 A1 Title of invention (French) changed: 20000706
Assignee: 001129 A1 Transfer of rights to new applicant: Compaq
Computer Corporation (687790) 20555 S.H. 249
Houston, Texas 77070-2698 US
Change: 001129 A1 Legal representative(s) changed 20001011

Oppn, None: 020911 B1 No opposition filed: 20020620
Application: 960724 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 970312 A1 Date of filing of request for examination:
970108

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1030
CLAIMS B	(English)	200138	2545
CLAIMS B	(German)	200138	2415
CLAIMS B	(French)	200138	3253
SPEC A	(English)	EPAB96	7503
SPEC B	(English)	200138	7708
Total word count - document A			8534
Total word count - document B			15921
Total word count - documents A + B			24455

...CLAIMS 116), wherein said memory resides in a plurality of interconnected computer nodes (102) and said **database** objects comprising database **tables**, **partitions** and indices; while performing computational transactions that **add**, **delete** and **alter data** stored in said **database** objects, generating an audit trail and storing said audit trail in said memory, said audit...

...to direct a computer system to store and provide user access to data in stored **database** objects, and comprising:
a transaction manager (134) for managing computational transactions that **add**, **delete** and **alter data** stored in said database objects; said database objects (120, 200) comprising database **tables**, **partitions** and indices; said transaction manager including audit trail generation instructions for generating an audit trail...

35/5,K/34 (Item 34 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01100904 **Image available**

METHOD AND SYSTEM FOR UPDATING GOODS INFORMATION

PROCEDE ET SYSTEME DESTINES A METTRE A JOUR DES INFORMATIONS DE PRODUITS

Patent Applicant/Inventor:

CHA Sang-Young, #201-601, Ggachimaetul 88, Gumi-dong, Bungdang-gu,
Seongnam-si, Gyeonggi-do 463-740, KR, KR (Residence), KR (Nationality)

Legal Representative:

LEE Kyeong-Ran (agent), 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku,
Seoul 135-081, KR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200423364 A1 20040318 (WO 0423364)

Application: WO 2003KR1710 20030825 (PCT/WO KR03001710)

Priority Application: KR 1020020053140 20020904

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: Korean

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8113

English Abstract

The present invention relates to a method and system for updating goods information in a plurality of shopping mall with network, and more specially, to a method and system for providing the updated goods information by perceiving change of the goods information in real time and diminishing expense and processing time incurred in updating. The method for updating goods information according to the present invention includes the steps of retrieving URL information of a goods information web page corresponding to a shopping mall: retrieving and storing the goods information included in the goods information web page by using the URL information; generating updating information by using the goods information; and updating pre-stored former goods information corresponding to the shopping mall by using the updating information.

French Abstract

L'invention concerne un procede et un systeme destines a mettre a jour des informations de produits dans plusieurs galeries marchandes a l'aide d'un reseau, et plus particulierement, un procede et un systeme destines a mettre a jour les informations de produits par perception de changements dans les informations de produit en temps reel et diminutions des couts et du temps de traitement utilises pour la mise a jour. Le procede destine a mettre a jour les informations de produits comprend selon l'invention les etapes consistant a extraire des informations URL d'une page web d'informations de produits correspondant a une galerie marchande: l'extraction et le stockage des informations de produits contenues dans la page web d'informations de produits s'effectuant au moyen des informations URL; a produire des informations de mise a jour au moyen des informations de produits; et a mettre a jour des informations de produits prealablement stockees correspondant a la galerie marchande au moyen des informations de mise a jour.

Legal Status (Type, Date, Text)

Publication 20040318 A1 With international search report.

Publication 20040318 A1 With amended claims and statement.

Fulltext Availability:

Detailed Description

Detailed Description

... Hereinafter, for the convenience of explanation, it is described based on the price information.

The database of the goods information update server 120 includes an updating information table, an engine table and a price table.

The updating information table is divided into a modification information table, a deletion information table and an additional information table. The engine table includes information about all goods names sold in each shopping mall...

35/5,K/39 (Item 39 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00777016

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR MAINTAINING DATA IN AN
E-COMMERCE BASED TECHNICAL ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE MAINTIEN DES DONNEES DANS UNE
ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill
Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109751 A2 20010208 (WO 0109751)

Application: WO 2000US20546 20000728 (PCT/WO US0020546)

Priority Application: US 99364535 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 124205

English Abstract

French Abstract

Cette invention se rapporte a un systeme, a un procede et a un article
manufacture qui contiennent plusieurs sous-activites. Chaque
sous-activite comporte une logique de sous-activite concue pour generer
une sortie sur la base d'une entree recue en provenance d'un utilisateur
apres execution, et plusieurs activites qui executent chacune les
sous-activites apres avoir ete selectionnees pour atteindre un objectif
associe a l'activite en question. Une interface est prevue entre un
premier serveur et un second serveur, un element de procuration etant
place entre les premier et second serveurs, afin de gerer les elements
commerciaux utilises par les sous-activites. L'information utilisee par
les sous-activites est preservee pendant l'execution des sous-activites.
On maintient la coherence de l'application en referencant des phrases de
textes via une structure de codes courts. Les modules de logiciel qui
prennent en charge les sous-activites sont en outre egalement testes.

Legal Status (Type, Date, Text)

Publication 20010208 A2 Without international search report and to be
republished upon receipt of that report.
Examination 20010517 Request for preliminary examination prior to end of
19th month from priority date
Declaration 20030918 Late publication under Article 17.2a
Republication 20030918 A2 With declaration under Article 17(2)(a); without
abstract; title not checked by the International
Searching Authority.

Fulltext Availability:

Claims

Claim

... data on

209

Access

Description

Access Services enable an application to retrieve data from a database
as well as manipulate (insert, update, delete) data in a database
. This can be done through the following:

Standards Based Structured Query Language (SQL) API

SQL...

35/5,K/40 (Item 40 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00772908 **Image available**

SYSTEM FOR ACCESSING DATABASE TABLES MAPPED INTO MEMORY FOR HIGH
PERFORMANCE DATA RETRIEVAL

SYSTEME POUR ACCEDER A DES TABLES DE BASES DE DONNEES MISES EN
CORRESPONDANCE EN MEMOIRE POUR UNE EXTRACTION DE DONNEES HAUTE
PERFORMANCE

Patent Applicant/Assignee:

AMERICAN MANAGEMENT SYSTEMS INCORPORATED, 4050 Legato Road, Fairfax, VA
22033, US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

DAHLBERG Mikael, Birkenhof 17, 1.OG Mitte rechts, D-40225 Dusseldorf, DE,
DE (Residence), CH (Nationality), (Designated only for: US)

Legal Representative:

BECKERS J Randall, Staas & Halsey LLP, Suite 500, 700 Eleventh Street,
N.W., Washington, DC 20001, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200106413 A1 20010125 (WO 0106413)

Application: WO 99US16769 19990726 (PCT/WO.US9916769)

Priority Application: US 99353395 19990715

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 9760

English Abstract

A system and method that enables quick access to large volumes of data on a realtime basis and is totally transparent to application programs that use the data. This is accomplished by placing information extracted from the database into a master file stored in a data storage device and then loaded into memory for access by application programs. When information in the database changes the corresponding information is updated using an incremental file and an index file that are then loaded into memory for access by application programs. The master file, index file and incremental file are linked in such as fashion to enable quick access to data desired.

French Abstract

L'invention concerne un systeme et un procede permettant d'accéder rapidement a de grands volumes de donnees en temps reel, ce systeme et ce procede etant totalement transparents pour les programmes d'application qui utilisent ces donnees. Le procede de cette invention consiste tout d'abord a placer des informations qui ont ete extraites de la base de donnees dans un fichier principal memorise dans un dispositif de memorisation de donnees, puis a charger ces donnees en memoire de sorte que des programmes d'application peuvent y acceder. Ce procede consiste ensuite, lorsque les informations contenues dans ladite base de donnees varient, a mettre a jour les informations correspondantes a l'aide d'un fichier incremental et d'un fichier index, lesquels sont ensuite charges en memoire de sorte que des programmes d'application peuvent y acceder. Ce procede consiste enfin a relier le fichier principal, le fichier index et le fichier incremental de maniere a permettre un acces rapide aux donnees souhaitees.

Legal Status (Type, Date, Text)

Publication 20010125 A1 With international search report.
Examination 20010222 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:
Claims

Claim

... is done.

43 A computer program embodied on a computer-readable medium to access a **database** as recited in claim 42, wherein the Xref **Storage Manager** code **segment** **updates** the **information** in the storage device periodically or on request when a **change** in the **information** occurs in the **database** by extracting update information from a table indicating by key which information of the extracted **database information** has been updated, **added** or deleted, and creating another incremental file, and another index file based on the master...

35/5,K/44 (Item 44 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00452691 **Image available**

SYSTEM AND METHOD TO AUTOMATE EQUIPMENT PLACEMENT AT REMOTE SITES
SYSTEME ET PROCEDE PERMETTANT D'AUTOMATISER L'IMPLANTATION D'EQUIPEMENTS
SUR DES SITES ELOIGNES

Patent Applicant/Assignee:

MCI COMMUNICATIONS CORPORATION,

Inventor(s):

NOBLOCK Terry,

CARLSON Gregory G,

GOLOBAY Paul Michael,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9843155 A1 19981001

Application: WO 98US5595 19980324 (PCT/WO US9805595)

Priority Application: US 97823561 19970325

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class: G06F-003/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23067

English Abstract

A system and method for placing articles of manufacture or pieces of equipment at a remote site uses a central database (108) and graphical representations. A site hierarchy, comprising a site, a building at the site (704), and a floor (706) within the building, is created in the central database (108). The user can then create graphical objects on a floor at a building, which are also represented in the central database as sequences of points. Specifically, graphical objects are created for a floor within a structure, a zone within the floor, a planning unit (714) within the zone, a row segment within the planning unit (714), and a footprint within the row segment (716).

French Abstract

La presente invention concerne un systeme et un procede permettant de placer des articles fabriques ou des appareils sur des sites eloignes au moyen d'une base de donnees centrale (108) et de representations graphiques. On cree, dans la base de donnees centrale (108), une hierarchie de site comprenant un site, un batiment sur le site (704), et un plancher (706) dans le batiment. L'utilisateur peut alors creer des objets graphiques sur un plancher d'un batiment, objets qui sont egalement representes dans la base de donnees centrale sous la forme d'une sequence de points. En particulier, on cree des objets graphiques pour un plancher d'une structure, une zone du plancher, une unite de planification (714) de la zone, une rangee de l'unite de planification (714), et une place occupee dans la rangee (716).

Fulltext Availability:

Detailed Description

Detailed Description

... identification of the user and the date the user created the row segment object in database 108, as described in section X.J Placement tool 116 also provides the user the ability to store additional information regarding the row segment object, or even to change existing information regarding the row segment object, including the remaining fields of row

segment table 10 1 8, as described in section X.J.

9. Placing a footprint
After the site...

?

? t46/5,k/1-2,10-12,16,30

46/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01811468

Information processing apparatus, method, and program and recording medium
Informationsverarbeitungs-gerat, -verfahren und -program, und
Aufzeichnungsmedium

Appareil, procede et programme pour traitement d'informations, et support
d'enregistrement

PATENT ASSIGNEE:

Ricoh Company, Ltd., (209037), 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo
143-8555, (JP), (Applicant designated States: all)

INVENTOR:

Ohtani, Yohko, 8-18, Denenchoufuhoncho, Ohta-ku Tokyo, (JP)

LEGAL REPRESENTATIVE:

Leeming, John Gerard (74731), J.A. Kemp & Co., 14 South Square, Gray's
Inn, London WC1R 5JJ, (GB)

PATENT (CC, No, Kind, Date): EP 1477914 A2 041117 (Basic)

APPLICATION (CC, No, Date): EP 2004252723 040511;

PRIORITY (CC, No, Date): JP 2003134564 030513; JP 2003134565 030513; JP
2004131341 040427; JP 2004131342 040427

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 1477914 A2

An information processing apparatus is provided. The information
processing apparatus includes an information management part for managing
first user information obtained from an information management server
that manages second user information, wherein the information management
part manages the first user information as an item value of a management
item in the information processing apparatus by linking the first user
information with the second user information that is managed by an item
value of a management item in the information management server, and the
information management part updates the first user information by using a
link used for linking the first user information with the second user
information in response to an update start operation.

ABSTRACT WORD COUNT: 115

NOTE:

Figure number on first page: 8

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 041117 A2 Published application without search report

Examination: 041117 A2 Date of request for examination: 20040522

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200447	4205
SPEC A	(English)	200447	16246
Total word count - document A			20451
Total word count - document B			0
Total word count - documents A + B			20451

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION like, operations of inquiry such as "search" and

"compare", and operations of update such as " add ", "delete" and "modify". For example, when a search operation is requested from the LDAP client to the LDAP sever, the LDAP server sends a search result to the LDAP client.

In the case where the information...

...by the compound machine;

Fig.23 shows screen changes when update information add setting for **adding** the update information of the storing information to the sever information is registered;

Fig.24 shows screen changes when a LDAP server is selected as an update target;

Fig.25 shows screen changes when a management...

...and "additional information" of one user are stored and managed in the same entry.

The **additional** information is the second user information that is the user information other than user information obtained from the LDAP server 701. The **additional** information includes user billing information, user restriction information, user group information, server information and the...

...the like. In the compound machine 101 of Fig.2, the UCS 167 manages the **additional** information as user information that is not discarded when new user information is obtained from the LDAP server 701.

According to the conventional technology, the compound machine 101 discards user information obtained...

...The second user information is not discarded since the second information is managed as the **additional** information.

The search information is user information (first user information) that is obtained from the LDAP server 701 and that is not linked with user information managed by the LDAP server...to user information managed as the item value of the management item "mail" by the LDAP sever A. The option information 2015 includes the four types: identifying information, storing information, search information and **additional** information.

An update version of the whole entry is stored in the update entry version...

...the link entry ID.

Fig.23 shows screen changes when update information add setting for **adding** the update information of the storing information to the sever information is registered. When "scroll button" is touched in the LDAP sever registration/change screen 903 of Fig.10, the screen is changed to the LDAP...

...the storing information can be selected. When a change button 933 is touched in the LDAP sever registration/change screen 903 in Fig.23, the screen is changed to an update information **add** setting screen 3201. In the screen, the user can select whether to register the update...

...update information add screen 3201. When a setting button is touched on the update information **add** setting screen 3201, the screen is returned to the LDAP server registration/change screen 903 of Fig.23. When the setting button 931 is touched on the LDAP sever registration/change screen 903 of Fig.23, the above-mentioned update information **add** setting is registered.

As mentioned above, the UCS 167 can collectively update the storing information...

...in step 21. Next, except for a case where the target of the editing is additional information (step 22), the UCS 167 sends a search operation request for the entry to the LDAP server 701 in step 23, and the LDAP server 701 returns the search result for...perform only step 509 for storing information (item value 2011 of the management item 2001) added to the above-mentioned update target list. The LDAP search result obtained in step 608 can be used as the LDAP search result used in step 509.

Fig.47 is a flowchart showing a case where...

46/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01613570

Directory server software architecture
Softwarearchitektur fur Verzeichnisanbieter
Architecture software pour serveur de repertoire
PATENT ASSIGNEE:

Sun Microsystems, Inc., (2616592), 4150 Network Circle, Santa Clara,
California 95054, (US), (Applicant designated States: all)

INVENTOR:

Wahl, Mark F., 10603 Valley Vista, 78737, Austin, (US)
Merrells, John, 241 Heartwood Lane, 94041, Mountain View, (US)
Smith, Mark C., 447 Marlpool Drive, Saline, MI 48176-1519, (US)

LEGAL REPRESENTATIVE:

Weihs, Bruno et al (94361), Osha & May 121, avenue des Champs Elysees,
75008 Paris, (FR)

PATENT (CC, No, Kind, Date): EP 1333389 A2 030806 (Basic)
EP 1333389 A3 050413

APPLICATION (CC, No, Date): EP 2002102528 021104;

PRIORITY (CC, No, Date): US 4349 011102

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 1333389 A2

A directory server system includes a front-end portion adapted to connect to a client computer, a back-end portion with an embedded database, and a mapping tree portion. The front-end portion includes a core protocol connection responder configured to access information stored in the back-end portion, wherein the back-end portion is maintained in a logical representation by a directory information tree. The mapping tree portion identifies a location of information stored in the back-end portion in response to a request sent by the client computer.

ABSTRACT WORD COUNT: 85

NOTE:

Figure number on first page: 8

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030806 A2 Published application without search report

Search Report: 050413 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200332	1036

SPEC A (English) 200332 5574
Total word count - document A 6610
Total word count - document B 0
Total word count - documents A + B 6610

INTERNATIONAL PATENT CLASS: G06F-017/30

...SPECIFICATION is used to search the directory for entries and retrieve individual directory entries. No separate LDAP read operation exists. The second category is update operations, which include add, delete, modify, and modify distinguished name (DN), i.e., rename, operators. A DN is a...

...corresponds to the message ID.

In addition to the three main groups of operations, the LDAP protocol defines a framework for adding new operations to the protocol via LDAP extended operations. Extended operations allow the protocol to be extended in an orderly manner to...

46/5,K/10 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

01008678 **Image available**

DIRECTORY REQUEST CACHING IN DISTRIBUTED COMPUTER SYSTEMS
ANTEMEMORISATION DE DEMANDE D'ANNUAIRE DANS DES SYSTEMES INFORMATIQUES
REPARTIS

Patent Applicant/Assignee:

SUN MICROSYSTEMS INC, 901 San Antonio Road, Palo Alto, CA 94303, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DULOUTRE Sylvain, 3, Rue George Sand, F-38600 Fontaine, FR, FR
(Residence), FR (Nationality), (Designated only for: US)

ARNOU Jerome, 2, Rue de la Distillerie, F-38400 Saint Martin D'Herès, FR,
FR (Residence), FR (Nationality), (Designated only for: US)

Legal Representative:

PLACAIS Jean-Yves (agent), Cabinet Netter, 40, rue Vignon, F-75009 Paris,
FR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200338669 A1 20030508 (WO 0338669)

Application: WO 2001IB2063 20011101 (PCT/WO IB0102063)

Priority Application: WO 2001IB2063 20011101

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9321

English Abstract

The invention concerns a directory server component, for use with a request query (420) adapted to receive an input request from a client (100) and to retrieve corresponding result data from a database (302). This directory server component comprises a cache manager (240) for storing sets of data, each set of data comprising request identifying data and corresponding result data. This directory server component also comprises a request manager (410), responding to an input request, for searching request identifying data that match the input request, and subsequently for deciding whether result data in the sets of data will be at least partially used to answer the request.

French Abstract

L'invention concerne un composant serveur d'annuaire, s'utilisant au moyen d'une interrogation de demandes (420) et conçu pour recevoir une demande d'entrée d'un client (100) ainsi que pour retirer de la base de données (302) les données des résultats correspondants. Ce composant serveur d'annuaire comprend un gestionnaire d'antémemoire (240) stockant des ensembles de données, chaque ensemble de données comprenant des données identifiant une demande et les données des résultats correspondants. Ce composant serveur d'annuaire comprend également un gestionnaire de demandes (410), répondant à une demande d'entrée recherchant des données identifiant une demande de recherche qui correspondent à la demande d'entrée, et pouvant par conséquent décider si les données de résultats desdits ensembles de données seront au moins partiellement utilisées pour répondre à la demande.

Legal Status (Type, Date, Text)

Publication 20030508 A1 With international search report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... is used to search the directory for entries and retrieve individual directory entries. No separate LDAP read operation exists. The second category is update operations, which include add, delete, modify, and modify distinguished name (DN), i. e., rename, operators. A DN is a...to the message ID.

0 In addition to the three main groups of operations, the LDAP protocol defines a framework for adding new operations to the protocol via LDAP extended operations. Extended operations allow the protocol to be extended in an orderly manner to...index scheme may be implemented.

In another alternative embodiment, an administrative (dedicated) attribute may be added to every cached entry to indicate that the cached result is part of the LDAP search capabilities of the cache, and may be then used to retrieve the cached entries...

46/5,K/11 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00982607 **Image available**

ATTRIBUTE RULE ENFORCER FOR A DIRECTORY

MODULE DE MISE EN OEUVRE DE REGLES D'ATTRIBUT D'UN ANNUAIRE

Patent Applicant/Assignee:

AT & T WIRELESS SERVICES INC, 7277 164th Avenue NE, Redmond, WA 98052, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

BARCHI Ronald Samuel, 22909 283rd Avenue, S.E., Maple Valley, WA 98083,
US, US (Residence), US (Nationality), (Designated only for: US)

CARTER Jeffrey P, 116 Walker Street, North Dighton, MA 02764, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

EVANS Thomas L (agent), Banner & Witcoff, Ltd., 11th Floor, 1001 G
Street, NW, Washington, DC 20001-4597, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200312692 A1 20030213 (WO 0312692)

Application: WO 2002US21308 20020731 (PCT/WO US0221308)

Priority Application: US 2001921015 20010801

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10218

English Abstract

An attribute rule enforcer (201) for evaluating the attributes of a call
to add, modify, or delete information in a directory, such as a
lightweight directory access protocol (LDAP) directory. The
attribute rule enforcer determines if the attributes of the call comply
with predetermined rules governing the directory's content. The directory
attribute rule enforcer may be located at the front end of the
directory's access server (205), and intercepts calls to the directory
access server.

French Abstract

L'invention se rapporte a un module de mise en oeuvre de regles
d'attribut (201) servant a evaluer les attributs d'un appel afin
d'ajouter, de modifier, ou d'effacer des informations dans un annuaire
tel qu'un annuaire LDAP. Ce module de mise en oeuvre de regles d'attribut
determine si les attributs de l'appel sont conformes aux regles
predeterminees qui regissent le contenu de l'annuaire. Ce module de mise
en oeuvre d'attributs d'un annuaire peut etre installe au niveau de
l'extremite avant du serveur d'accès (205) de l'annuaire et intercepte
des appels vers le serveur d'accès de l'annuaire.

Legal Status (Type, Date, Text)

Publication 20030213 A1 With international search report.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

English Abstract

An attribute rule enforcer (201) for evaluating the attributes of a call to **add**, modify, or delete information in a directory, such as a **lightweight directory access protocol (LDAP)** directory. The attribute rule enforcer determines if the attributes of the call comply with predetermined...

Detailed Description

... a method and system for reviewing the attributes of a request or "call" to modify, **add** or delete data stored in a directory, such as a **lightweight directory access protocol (LDAP)** directory, to determine if the call's attributes comply with predetermined rules for controlling the...controlling the directory's content.

[051 A variety of protocols have been developed for finding, **adding**, deleting and modifying information in a directory. For example, the **Lightweight Directory Access Protocol (LDAP)** is a protocol developed to manipulate transmission control protocol/Internet protocol (TCP/IP) stacks to extract information from (or **add** information to) a hierarchical directory such as a X.500 type directory. These protocols, however...

46/5,K/12 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts.. reserv.

00971386 **Image available**

SYSTEM AND METHOD FOR KNOWLEDGE RETRIEVAL, MANAGEMENT, DELIVERY AND PRESENTATION
SYSTEME ET PROCEDE D'EXTRACTION, DE GESTION, DE DISTRIBUTION ET DE PRESENTATION DE CONNAISSANCES

Patent Applicant/Inventor:

OMOIGUI Nosa, 549 239th Avenue S.E., Sammamish, WA 98074, US, US
(Residence), US (Nationality)

Legal Representative:

LOWE David A (agent), Black Lowe & Graham, PLLC, 816 2nd Avenue, Seattle, WA 98104, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200301413 A1 20030103 (WO 0301413)

Application: WO 2002US20249 20020624 (PCT/WO US0220249)

Priority Application: US 2001300385 20010622; US 2002360610 20020228

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 72828

English Abstract

The present invention is directed to an integrated implementation framework and resulting medium for knowledge retrieval, management, delivery and presentation (Figure 8). The system includes a first server component that is responsible for adding and maintaining domain-specific semantic information and a second server component that hosts semantic and other knowledge for use by the first server component that work together to provide context and time-sensitive semantic information retrieval services to clients operating a presentation platform via a communication medium. Within the system, all objects or events in a given hierarchy are active Agents semantically related to each other and representing queries (comprised of underlying action code) that return data objects for presentation to the client according to a predetermined and customizable theme or "Skin". This system provides various means for the client to customize and "blend" Agents and the underlying related queries to optimize the presentation of the resulting information.

French Abstract

La presente invention concerne une structure de mise en oeuvre et un moyen associe integres, destines a l'extraction, a la gestion, a la distribution et a la presentation de connaissances (Fig. 8). Ce systeme comprend un premier composant de serveur concu pour accumuler et mettre a jour des informations semantiques specifiques a un domaine et un second composant de serveur concu pour heberger des donnees semantiques et d'autres connaissances destinees a etre utilisees par le premier composant de serveur. Le premier et le second serveur cooperent pour fournir des services d'extraction d'informations semantiques asservies au temps et de contexte a des clients qui exploitent une plate-forme de presentation par l'intermediaire d'un moyen de communication. Dans le systeme, les objets ou les evenements dans une hierarchie donnee sont des Agents actifs lies semantiquement les uns aux autres, representant des requetes (comprenant des codes d'action sous-jacents) qui permettent de transmettre des objets de donnees pour qu'ils soient presentes au client en fonction d'une <= enveloppe >= ou d'un theme predetermine et personnalisable. Ce systeme fournit plusieurs moyens permettant au client de personnaliser et de <= melanger >= les Agents et les requetes associees sous-jacentes pour optimiser la presentation des informations resultantes.

Legal Status (Type, Date, Text)

Publication 20030103 A1 With international search report.

Publication 20030103 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20030703 Request for preliminary examination prior to end of 19th month from priority date

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... website.

Agency Directory. A directory that stores metadata information for Agencies and allows clients to add, remove, search, and browse Agencies stored within. Agencies can be published on directories like LDAP or the Microsoft Active Directory. Agencies can also be published on a proprietary...

46/5,K/16 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00941552 **Image available**
SYSTEMS AND METHODS FOR COMMUNICATING FROM AN INTEGRATION PLATFORM TO A
LIGHTWEIGHT DIRECTORY ACCESS PROTOCOL BASED DATABASE
SYSTEMES ET PROCEDES POUR COMMUNIQUER D'UNE PLATE-FORME D'INTEGRATION A UNE
BASE DE DONNEES LDAP (LIGHTWEIGHT DIRECTORY ACCESS PROTOCOL)

Patent Applicant/Assignee:

WORLD.COM INC, 500 Clinton Center Drive, Clinton, MS 39056, US, US
(Residence), US (Nationality)

Inventor(s):

TRIVEDI Prakash A, 14700 Flagler Court, Centreville, VA 20120, US,

Legal Representative:

GROLZ Edward W (agent), Scully, Scott, Murphy & Presser, 400 Garden City
Plaza, Garden City, NY 11530, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200275606 A1 20020926 (WO 0275606)

Application: WO 2002US8583 20020320 (PCT/WO US0208583)

Priority Application: US 2001276923 20010320; US 2001276953 20010320; US
2001276954 20010320; US 2001276955 20010320; US 200297863 20020315

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10390

English Abstract

A method for communicating from an integration platform to a directory server includes receiving user-entered information at the integration platform (1140). The integration platform generates an event based on the user-entered information and publishes the event on a channel subscribed to by a connector associated with the directory server (1150). The connector receives the event information (1160), transforms the event information to a format compatible with the directory server (1170) and establishes communications with the directory server (1180). The connector downloads the information to the directory server and the directory server updates its database. The connector may also determine whether at least one other system received the event information before downloading the information to the directory server.

French Abstract

L'invention porte sur un procede permettant de communiquer d'une plate-forme d'integration a un serveur repertoire, ce procede consistant a recevoir des informations introduites par un utilisateur au niveau de

la plate-forme d'integration (1140). La plate-forme d'integration genere un evenement sur la base des informations introduites par l'utilisateur et publie l'evenement sur un canal d'un connecteur d'abonne associe au serveur repertoire (1150). Le connecteur recoit les informations relatives a l'evenement (1160), les transforme en un format compatible avec le serveur repertoire (1170) et etablit des communications avec le serveur repertoire (1180). Le connecteur telecharge les informations vers le serveur repertoire qui met a jour sa base de donnees. Le connecteur peut egalement determiner si au moins un autre systeme a recu les informations relatives a l'evenement avant leur telechargement vers le serveur repertoire.

Legal Status (Type, Date, Text)

Publication 20020926 A1 With international search report.

Correction 20021128 Corrections of entry in Section 1: under (30)
replace "Not furnished" by "10/097,863"

Republication 20021128 A1 With international search report.

Examination 20021219 Request for preliminary examination prior to end of
19th month from priority date

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... the processor to monitor an input channel for data associated with at least one of **adding**, deleting and modifying information stored in an LDAP based database and receive the data associated with at least one of **adding**, deleting and modifying information stored in the LDAP based database. The instructions also cause the processor to format the data based on a...behalf of the LDAP server 333. According to an exemplary implementation of the invention, the LDAP connector 532 communicates with LDAP server 333 to enable a user to **add**, modify or delete attributes associated with the user's profile stored in the LDAP database
334,
[00801 For example, as described previously, a user may have his call forwarding...consistent with the present invention provide a flexible connection from a support system to an LDAP -based repository that allows a user to **add**, modify and delete attributes associated with particular, telecommunications services. An advantage of the invention is
...

Claim

... the processor to:

monitor an input channel for data associated with at least one of **adding**, deleting and modifying information stored in a **lightweight directory access protocol (LDAP)** based database;
receive the data associated with at least one of **adding**, deleting and modifying information stored in the LDAP based database;
format the data based on...

...computer-readable medium of claim 8, wherein the data associated with at least one of **adding**, deleting and modifying information stored in the LDAP based database comprises information associated with at least one of call blocking, follow me, call...

46/5,K/30 (Item 30 from file: 324)
DIALOG(R)File 324:German Patents Fulltext
(c) 2005 Univentio. All rts. reserv.

0003703941 **Image available**

Method and order for a storage access on a storage equipment with table structure

Verfahren und Anordnung für einen Speicherzugriff auf eine Speichereinrichtung mit Verzeichnisstruktur

Patent Applicant/Assignee:

Siemens AG, 80333 München, DE

Inventor(s):

Spangehl Peter, Dr., 85764 Oberschleissheim, DE.

Patent and Priority Information (Country, Number, Date):

Patent: DE 19936604 C1 20010125

Application: DE 19936604 19990804

Priority Application: DE 19936604 19990804 (DE 19936604)

Main International Patent Class: G06F-017/30

Main European Patent Class: G06F-017/30B2

Publication Language: German

Fulltext Availability:

Description (English machine translation)

Claims (English machine translation)

Description (German)

Claims (German)

Fulltext Word Count (English): 3554

Fulltext Word Count (German) : 2895

Fulltext Word Count (Both) : 6449

Abstract (English machine translation)

The object hierarchy of the table is portrayed by means of a table-individual scheme configuration (SK) in an access unit (Z) steering the storage access of a data base application (DB-A) on the table (YOU). On this occasion, the scheme (SK) is enlarged by at least a freely konfigurierbares object (Ext:FindExtension).

Abstract (German)

Die Objekthierarchie des Verzeichnisses wird mittels einer verzeichnisindividuellen Schemakonfiguration (SK) in einer den Speicherzugriff einer Datenbankapplikation (DB-A) auf das Verzeichnis (DIR) steuernden Zugriffseinheit (ZE) abgebildet. Hierbei wird das Schema (SK) um mindestens ein frei konfigurierbares Objekt (Ext:FindExtension) erweitert.

Main International Patent Class: G06F-017/30

Fulltext Availability:

Description (English machine translation)

Description (English machine translation)

... individual tables -. not possibly is, more specifically is a development, on the ODBC -. and the LDAP - protocol of building additional modules for the LDAPTreiber necessary. However, the development of these additional modules is interconnected with a considerable expenditure.

The task underlies the present invention, a procedure...

...the additional function expandable is.

Another advantage of the invention consists of it, that the **additional** functions implementierbaren in an any programming language on standard existing modules of the ODBC -. and the **LDAP** - of driver builds, so that the Implementierungsauf wound for these **additional** functions, in contrast to the **additional** modules for the **LDAP** - drivers, low is.

Advantageous further educations of the invention are stated in the sub claims...

...of VB to this object in the scheme configuration, but that an access of the **LDAP** . driver **LDAP** . T on the table YOU over one in the expansion unit KSE of deposited **additional** function -. in the present implementation example over the **additional** function FindExtension -. should take place.

In a second step becomes in the **LDAP** . drivers **LDAP** . T in a field configuration FK fields F defines. The data field definition takes place ...

...Ext:FindExtension and the attribute tin becomes invention-in accordance with an access of the **LDAP** . driver **LDAP** . T on them/her/it in the expansion unit KSE of deposited **additional** function FindExtension defines, which for this case the reading access to the table YOU steers ...

...the determined object class OC immediately the object class OC = Ext:FindExtension so calls the **LDAP** . drivers **LDAP** . T this in the expansion unit KSE of stored **additional** function FindExtension with the parameter InvTelNum = 059132279894 on. The **additional** function FindExtension shines, the handed over one inverted telephone number InvTelNum = 059132279894 and now initiates...
...telephone number InvTelNum is widened.

Another advantage of the invention consists of it, that the **additional** functions implementierbaren in an any programming language on standard existing modules of the ODBC -. and the **LDAP** . driver LDAB. T build, so that the implementation expenditure for these **additional** functions, in contrast to the development of new **additional** modules for the **LDAP** . drivers **LDAP** . T, relatively low is.

?

File 347:JAPIO Nov 1976-2004/Dec(Updated 050405)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200527

(c) 2005 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

File 344:Chinese Patents Abs Aug 1985-2004/May

(c) 2004 European Patent Office

Set	Items	Description
S1	353256	TABLE OR TABLES
S2	239436	RESULTS OR RESULTS
S3	1774356	CACHE? ? OR MEMORY? OR MEMORIES OR STORAGE
S4	47	MULTITABLE? OR MULTICACH? OR MULTIMEMOR? OR MULTISTORAGE
S5	49934	(MULTIPL? OR MANY OR MULTI OR SEVERAL OR NUMEROUS OR ADDIT- IONAL OR PLURALIT? OR DIFFERENT OR SECOND OR 2ND) (1W)S1:S3
S6	45104	(GROUP? ? OR NUMBER OR PAIR? ? OR SERIES OR ANOTHER OR DUAL OR TWO OR THREE OR COUPLE OR TRIO OR THIRD OR 3RD) (1W)S1:S3
S7	74727	S1:S4(3N)(PARTITION? OR SECTION? OR PORTION? OR SEGMENT? OR SUBDIVID? OR SUBDIVIS? OR DIVID? OR DIVISION?)
S8	1443940	ADD OR ADDS OR ADDED OR ADDING OR ADDITIONAL
S9	2120969	REMOVE OR REMOVES OR REMOVED OR REMOVING OR DELET???? ? OR PURG???? ? OR ELIMINAT? OR DISCARD? OR EXTIRP? OR EXPULS?
S10	96305	ERAS???? ? OR EXPEL??? ? OR EXPELL??? ?
S11	1344782	UPDAT???? ? OR MODIFY? OR MODIFIE? ? OR MODIFICATION? OR U- P()DAT???? ? OR EMEND? OR AMEND? OR RECTIF? OR CORRECT? OR RE- VIS???? ?
S12	190876	ALTER?? ? OR ALTERING OR ALTERR? OR ALTERATION? OR EDIT OR EDITS OR EDITED OR EDITING
S13	1380091	CHANG??? ?
S14	252	LDAP OR LDAPS OR (LIGHTWEIGHT OR LIGHT()WEIGHT) (1W) (DIRECT- OR? OR DATA OR DATABASE?) (1W)ACCESS?(1W)PROTOCOL?
S15	106277	DATABASE? OR DATASET? OR DATABANK? OR DATASTOR? OR DATAFIL- E? OR DATADEPOSIT? OR DATAREPOSIT? OR DATAWAREHOUS? OR DATAMA- RT?
S16	8	DATACOLLECT? OR DATALIBRAR?
S17	192751	DATA()(SET? ? OR BASE? ? OR BANK? ? OR STORE? ? OR STORAGE OR FILE? ? OR DEPOSITOR? OR REPOSITOR? OR WAREHOUS? OR WARE()- HOUS??? ?)
S18	8368	DATA()(MART? ? OR MARKET? ? OR ARCHIV? OR STOREHOUS? OR LI- BRAR? OR COLLECTION?)
S19	58741	S8(3N)(DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR ENTRI- ES)
S20	49646	S9:S10(3N)(DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR E- NTRIES)
S21	183836	S11:S13(3N)(DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR - ENTRIES)
S22	940	S7 AND S19
S23	194	S22 AND S20:S21
S24	990	S7 AND S20
S25	172	S24 AND (S19 OR S21)
S26	3082	S7 AND S21
S27	246	S26 AND S19:S20
S28	0	(S23 OR S25 OR S27) AND S14
S29	89	(S23 OR S25 OR S27) AND S15:S18
S30	75714	IC='G06F-017/30':IC='G06F-017/39'
S31	7	S29 AND S30
S32	30022	MC='T01-J05B4':MC='T01-J05B4P'
S33	2	S29 AND S32
S34	0	S14 AND (S22 OR S24 OR S26)

S35	24	S14 AND S8
S36	7	S35 AND S9:S10
S37	11	S35 AND S11:S13
S38	27	S14 AND S9:S10
S39	14	S38 AND S11:S13
S40	28	S31 OR S33 OR S36:S37 OR S39
S41	28	IDPAT (sorted in duplicate/non-duplicate order)
S42	28	IDPAT (primary/non-duplicate records only)

42/9/4 (Item 4 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

015739868 **Image available**
 WPI Acc No: 2003-802069/200375
 XRPX Acc No: N03-642771

Persistent object managing system e.g. for orders, products, has
 persistent object framework which performs creation and storing of
 persistent objects based on the Java servlet
 Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
 Inventor: CHU C A; HANKIN K; KONG J; MALLAYARUPU N
 Number of Countries: 001 Number of Patents: 001
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030163439	A1	20030828	US 2001940580	A	20010829	200375 B

Priority Applications (No Type Date): US 2001940580 A 20010829

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030163439	A1		29	G06F-007/00	

Abstract (Basic): US 20030163439 A1

NOVELTY - The persistent object managing system has a framework (120) which performs creation and storing of the persistent object based on the Java servlet (102). A cached set of persistent objects identified by the JAVA servlet, are created corresponding to the stored persistent objects.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) application system supported by Java programming environment;
- (2) method for managing persistent objects;
- (3) method for searching persistent objects;
- (4) method for resolving data state between persistent object and application accessing persistent object;
- (5) computer program product for managing persistent objects;
- (6) system for searching persistent object;
- (7) computer program product for searching persistent object;
- (8) system for resolving data state between persistent object and application accessing persistent object; and
- (9) computer program product for resolving data state between persistent object and application accessing persistent object.

USE - For managing persistent objects such as orders, products stored in relational database, object oriented database, **lightweight directory access protocol (LDAP)** enabled directories.

ADVANTAGE - A uniform and simple framework in which easy creation, **updating**, **deletion** of persistent objects is enabled. Minimizes the need for application developers to perform tasks such as managing persistent object transactions, managing data source connections, composing query statements, mapping of query results to persistent objects.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of

the software application system.

JAVA servlet (102)

database (104)

business objects (108)

persistent object framework (120)

pp; 29 DwgNo 1/8

Title Terms: PERSISTENT; OBJECT; MANAGE; SYSTEM; ORDER; PRODUCT; PERSISTENT
; OBJECT; FRAMEWORK; PERFORMANCE; CREATION; STORAGE; PERSISTENT; OBJECT;
BASED

Derwent Class: T01

International Patent Class (Main): G06F-007/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-E01

42/9/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015322785 **Image available**

WPI Acc No: 2003-383720/200337

XRFX Acc No: N03-306498

Lightweight directory access protocol user interface system for
an interactive voice response interface for a telephone system uses
account, log-in and main menu directory entry system

Patent Assignee: OPENWAVE SYSTEMS INC (OPEN-N); GALLAGHER S (GALL-I)

Inventor: GALLAGHER S

Number of Countries: 031 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1289243	A1	20030305	EP 2002255702	A	20020815	200337 B
US 20030043978	A1	20030306	US 2001945351	A	20010831	200337

Priority Applications (No Type Date): US 2001945351 A 20010831

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

EP 1289243	A1	E	17	H04M-003/493	
------------	----	---	----	--------------	--

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

US 20030043978	A1			H04M-011/00	
----------------	----	--	--	-------------	--

Abstract (Basic): EP 1289243 A1

NOVELTY - User account lightweight directory access protocol
(LDAP) entries have information identifying approved user access to
available services and preferred menu configurations. Log-in menu LDAP
directory entries each provide information related to an initial menu
for a user and identifies a selected user account LDAP directory
entries. Main menu LDAP directory entries provide prompts for a user
interface menu that is presented to a particular user, where the
prompts are identified based on the selected user account.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a
method for providing a user interface using lightweight directory
access protocol .

USE - For an interactive voice response interface for a telephone
system.

ADVANTAGE - The system allows users to control which attributes are
required or allowed in an entry, provides operations for searching,
updating the directory, adding deleting , and changing entries.

DESCRIPTION OF DRAWING(S) - The drawing shows a flowchart that
illustrates the steps of implementing the system.

pp; 17 DwgNo 7/7
Title Terms: LIGHT; DIRECTORY; ACCESS; PROTOCOL; USER; INTERFACE; SYSTEM;
INTERACT; VOICE; RESPOND; INTERFACE; TELEPHONE; SYSTEM; ACCOUNT; LOG;
MAIN; MENU; DIRECTORY; ENTER; SYSTEM
Derwent Class: T01; W01; W04
International Patent Class (Main): H04M-003/493; H04M-011/00
International Patent Class (Additional): H04L-029/12
File Segment: EPI
Manual Codes (EPI/S-X): T01-C08A; T01-J05B4P; T01-J18; T01-N01D; T01-N02A2;
T01-N02B1B; T01-N03A2; W01-A05B; W01-A07G; W01-C02B9; W04-V04

42/9/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014253980 **Image available**
WPI Acc No: 2002-074680/200210
Related WPI Acc No: 2001-595196; 2004-820373
XRPX Acc No: N02-055090

**Medical record file folder management system for medical center, purges
some file folders within storage section to reduce total folder
thickness below threshold percentage**
Patent Assignee: COUGHLAN J F (COUG-I); FITZGERALD A C (FITZ-I); GOLDMAN J
B (GOLD-I); ELECTRONIC PAPER SOLUTIONS INC (ELPA-N)
Inventor: COUGHLAN J F; FITZGERALD A C; GOLDMAN J B
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010044804	A1	20011122	US 98189772	A	19981110	200210 B
			US 2001901220	A	20010709	
US 6758802	B2	20040706	US 98189772	A	19981110	200444
			US 2001901220	A	20010709	

Priority Applications (No Type Date): US 98189772 A 19981110; US 2001901220
A 20010709

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010044804	A1		74	G06F-007/00	Cont of application US 98189772
US 6758802	B2			B31B-047/00	Cont of application US 98189772
					Cont of patent US 6260049

Abstract (Basic): US 20010044804 A1

NOVELTY - An updation unit updates the physical thickness, storage location and content information of file folder, by referring folder data stored in database of a computer (40), whenever information changes. A purging unit purges some file folders within storage section, when entire folder thickness within storage section exceeds threshold percentage of available storage space, to reduce total folder thickness below threshold.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) File folder management method in file storage facility;
- (b) Computer implemented method for handling file requests by several requesters for file stored in file storage facility;
- (c) Color-coded file folder manufacturing method

USE - For managing medical record file folders such as X-ray file jackets in medical center. Is also used for managing paper file folders in federal and state government agents, law firms, insurance companies, banks etc.

ADVANTAGE - Optimizes use of available file space by seeking to

keep the shelves full or at a predetermined percentage of being full such as 90-95 percent full, while avoiding the problems associated with overfilled files and back shifting.

DESCRIPTION OF DRAWING(S) - The figure shows the shelf manager system.

Computer (40)

pp; 74 DwgNo 1/44

Title Terms: MEDICAL; RECORD; FILE; FOLDER; MANAGEMENT; SYSTEM; MEDICAL; PURGE; FILE; FOLDER; STORAGE; SECTION; REDUCE; TOTAL; FOLDER; THICK; BELOW; THRESHOLD; PERCENTAGE

Derwent Class: P72; T01

International Patent Class (Main): B31B-047/00; G06F-007/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T01-J05A2; T01-J05B2; T01-J05B4P ; T01-J06A1

? t42/9/26-27

42/9/26 (Item 26 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

07512198 **Image available**

DATA BASE SYSTEM, DATA BASE MANAGING METHOD AND PROGRAM

PUB. NO.: 2003-006021 [JP 2003006021 A]

PUBLISHED: January 10, 2003 (20030110)

INVENTOR(s): NAKANO YUKIO
KAWAMURA NOBUO

APPLICANT(s): HITACHI LTD

APPL. NO.: 2001-194075 [JP 2001194075]

FILED: June 27, 2001 (20010627)

INTL CLASS: G06F-012/00; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To perform an inquiry processing in parallel with a re-allocation processing to divide and allocate already stored data again in the case of performing the re-allocation processing when a storage device is added in a data base system to divide and store table data into a plurality of storage devices.

SOLUTION: The data to be transferred from the existing storage devices 325a, 325b to the added storage device 325c is determined, when a retrieval, update and deletion processing request 330 is issued during performance of the re-allocation processing to perform data copy to the added storage device 325c and deletion of original data, DBMS performing parts 320a to 320c are made to perform processings corresponding to the processing request to both of the respective existing storage devices 325a, 325b and the added storage device 325c from a DBMS accepting part 310, in addition, when an insertion processing request is issued, an inserting destination of the data is determined based on the contents of division procedures to the existing storage devices 325a, 325b and the added storage device 325c and the data is inserted into the determined destination.

COPYRIGHT: (C)2003,JPO

42/9/27 (Item 27 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

06111700 **Image available**
DATABASE MANAGING METHOD

PUB. NO.: 11-053232 [JP 11053232 A]
PUBLISHED: February 26, 1999 (19990226)
INVENTOR(s): AMANO SADAHITO
 MATSUBUCHI TATSUO
 KOBAYASHI KOJI
 MORI KIYOHARU
 OIKAWA TATSUYA
 TAMURA ITARU
APPLICANT(s): HITACHI SOFTWARE ENG CO LTD
 HITACHI MEDICAL CORP
APPL. NO.: 09-210488 [JP 97210488]
FILED: August 05, 1997 (19970805)
INTL CLASS: G06F-012/00; G06F-017/30

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the storage capacity of a **database** by distributing the respective items of a data table consisting of N-item records, and generating only a record having an input value in one of the distributed items and **updating** respective **divided data tables**.

SOLUTION: When one record to be updated is inputted, a **database** management part 23 refers to the setting contents of an item master table 5 and a distribution table. According to the setting contents of the item master table 5 and distribution table, it is decided which of the **divided data tables** 51 to 5m each item of a record belongs to. Further, it is decided whether one of the items of each **divided data table** has an input item. When one of the items have the input value, the record is **added** to the **divided data table**. A **divided data table** wherein none of the items of the record to be updated this time has an input item is not updated at all.

COPYRIGHT: (C)1999, JPO

?

File 6:NTIS 1964-2005/Apr W3
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 2:INSPEC 1969-2005/Apr W3
(c) 2005 Institution of Electrical Engineers

File 8:EI Compendex(R) 1970-2005/Apr W3
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Apr W3
(c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/Mar
(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Apr W4
(c) 2005 BLDSC all rts. reserv.

File 94:JICST-EPlus 1985-2005/Mar W2
(c) 2005 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2005/Mar W3
(c) 2005 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Mar
(c) 2005 The HW Wilson Co.

File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Apr 27
(c) 2005 The Gale Group

File 144:Pascal 1973-2005/Apr W3
(c) 2005 INIST/CNRS

File 256:TecInfoSource 82-2005/Mar
(c) 2005 Info.Sources Inc

File 266:FEDRIP 2005/Jan
Comp & dist by NTIS, Intl Copyright All Rights Res

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 483:Newspaper Abs Daily 1986-2005/Apr 27
(c) 2005 ProQuest Info&Learning

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988
(c) 2001 ProQuest Info&Learning

Set	Items	Description
S1	638709	TABLE OR TABLES
S2	10169584	RESULTS OR RESULTS
S3	1610879	CACHE? ? OR MEMORY? OR MEMORIES OR STORAGE
S4	220	MULTITABLE? OR MULTICACH? OR MULTIMEMOR? OR MULTISTORAGE
S5	91888	(MULTIPL? OR MANY OR MULTI OR SEVERAL OR NUMEROUS OR ADDITIONAL OR PLURALIT? OR DIFFERENT OR SECOND OR 2ND) (1W)S1:S3
S6	126399	(GROUP? ? OR NUMBER OR PAIR? ? OR SERIES OR ANOTHER OR DUAL OR TWO OR THREE OR COUPLE OR TRIO OR THIRD OR 3RD) (1W)S1:S3
S7	58720	S1:S4 (3N) (PARTITION? OR SECTION? OR PORTION? OR SEGMENT? OR SUBDIVID? OR SUBDIVIS? OR DIVID? OR DIVISION?)
S8	2009794	ADD OR ADDS OR ADDED OR ADDING OR ADDITIONAL
S9	1540398	REMOVE OR REMOVES OR REMOVED OR REMOVING OR DELET???? ? OR PURG???? ? OR ELIMINAT? OR DISCARD? OR EXTIRP? OR EXPULS?
S10	66773	ERAS???? ? OR EXPEL??? ? OR EXPELL??? ?
S11	4444207	UPDAT???? ? OR MODIFY? OR MODIFIE? ? OR MODIFICATION? OR U-P()DAT???? ? OR EMEND? OR AMEND? OR RECTIF? OR CORRECT? OR RE-VIS???? ?
S12	1597668	ALTER?? ? OR ALTERING OR ALTERR? OR ALTERATION? OR EDIT OR EDITS OR EDITED OR EDITING
S13	4962140	CHANG??? ?
S14	1162	LDAP OR LDAPS OR (LIGHTWEIGHT OR LIGHT()WEIGHT) (1W) (DIRECT-OR? OR DATA OR DATABASE?) (1W)ACCESS?(1W)PROTOCOL?
S15	680349	DATABASE? OR DATASET? OR DATABANK? OR DATASTOR? OR DATAFILE? OR DATADEPOSIT? OR DATAREPOSIT? OR DATAWAREHOUS? OR DATAMART?

S16 58 DATACOLLECT? OR DATALIBRAR?
 S17 469974 DATA() (SET? ? OR BASE? ? OR BANK? ? OR STORE? ? OR STORAGE
 OR FILE? ? OR DEPOSITOR? OR REPOSITOR? OR WAREHOUS? OR WARE()-
 HOUS??? ?)
 S18 130182 DATA() (MART? ? OR MARKET? ? OR ARCHIV? OR STOREHOUS? OR LI-
 BRAR? OR COLLECTION?)
 S19 101689 S8(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR ENTRI-
 ES)
 S20 23697 S9:S10(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR E-
 NTRIES)
 S21 189604 S11:S13(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR -
 ENTRIES)
 S22 251 S7 AND S19
 S23 9 S22 AND S20:S21
 S24 81 S7 AND S20
 S25 8 S24 AND (S19 OR S21)
 S26 447 S7 AND S21
 S27 17 S26 AND S19:S20
 S28 0 (S23 OR S25 OR S27) AND S14
 S29 6 (S23 OR S25 OR S27) AND S15:S18
 S30 1 S14 AND (S22 OR S24 OR S26)
 S31 126 S14 AND S8
 S32 14 S31 AND S9:S10
 S33 32 S31 AND S11:S13
 S34 50 S14 AND S9:S10
 S35 17 S34 AND S11:S13
 S36 0 S7 AND (S32:S33 OR S35)
 S37 18 S23 OR S25 OR S27 OR S29:S30
 S38 51 S32:S33 OR S35
 S39 69 S37:S38
 S40 22 S39/2000:2005
 S41 47 S39 NOT S40
 S42 41 RD (unique items)

42/7/12 (Item 1 from file: 35)
 DIALOG(R)File 35:Dissertation Abs Online
 (c) 2005 ProQuest Info&Learning. All rts. reserv.

01684365 ORDER NO: AAD13-93122
 LIGHTWEIGHT DIRECTORY ACCESS PROTOCOL DIRECTORY SERVICES AND THEIR
 WEB CLIENTS
 Author: QU, KAI
 Degree: M.S.C.S.
 Year: 1998
 Corporate Source/Institution: LAMAR UNIVERSITY - BEAUMONT (0424)
 Source: VOLUME 37/03 of MASTERS ABSTRACTS.
 PAGE 965. 78 PAGES

In this research, the importance and functionality of directory
 services and Lightweight Directory Access Protocol (LDAP) are
 thoroughly explained. The LDAP reference server developed by the
 University of Michigan was installed, and an LDAP searchable white page
 directory service was designed and deployed. A variety of network
 environments for full functioning LDAP clients were analyzed. A LDAP
 client ("LC"), which also acts as a dedicated HTTP server was designed,
 implemented, tested and evaluated in a UNIX environment. LC enables
 directory browsing by using hyperlinks and presents an input field for
 search queries. It can transform an informal search query into a formal
 search query and in an advanced search form, it provides a less flexible
 but more user-friendly interface. LC also allows modification of an
 entry. It supports simple authentication. It is also possible to

authenticate as a manager to **modify** or **add** any entry. Testing shows that every design feature works within a satisfactory response time.

File 9:Business & Industry(R) Jul/1994-2005/Apr 27
(c) 2005 The Gale Group
File 16:Gale Group PROMT(R) 1990-2005/Apr 27
(c) 2005 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2005/Apr 28
(c) 2005 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2005/Apr 28
(c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Apr 28
(c) 2005 The Gale Group
File 570:Gale Group MARS(R) 1984-2005/Apr 28
(c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Apr 28
(c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Apr 28
(c) 2005 The Gale Group
File 649:Gale Group Newswire ASAP(TM) 2005/Apr 12
(c) 2005 The Gale Group

Set	Items	Description
S1	1924185	TABLE OR TABLES
S2	5724134	RESULTS OR RESULTS
S3	2216179	CACHE? ? OR MEMORY? OR MEMORIES OR STORAGE
S4	779	MULTITABLE? OR MULTICACH? OR MULTIMEMOR? OR MULTISTORAGE
S5	225597	(MULTIPL? OR MANY OR MULTI OR SEVERAL OR NUMEROUS OR ADDIT- IONAL OR PLURALIT? OR DIFFERENT OR SECOND OR 2ND) (1W)S1:S3
S6	247272	(GROUP? ? OR NUMBER OR PAIR? ? OR SERIES OR ANOTHER OR DUAL OR TWO OR THREE OR COUPLE OR TRIO OR THIRD OR 3RD) (1W)S1:S3
S7	154051	S1:S4(3N)(PARTITION? OR SECTION? OR PORTION? OR SEGMENT? OR SUBDIVID? OR SUBDIVIS? OR DIVID? OR DIVISION?)
S8	10842526	ADD OR ADDS OR ADDED OR ADDING OR ADDITIONAL
S9	2647004	REMOVE OR REMOVES OR REMOVED OR REMOVING OR DELET???? ? OR PURG???? ? OR ELIMINAT? OR DISCARD? OR EXTIRP? OR EXPULS?
S10	130481	ERAS???? ? OR EXPEL??? ? OR EXPELL??? ?
S11	4908807	UPDAT???? ? OR MODIFY? OR MODIFIE? ? OR MODIFICATION? OR U- P()DAT???? ? OR EMEND? OR AMEND? OR RECTIF? OR CORRECT? OR RE- VIS???? ?
S12	865420	ALTER?? ? OR ALTERING OR ALTERR? OR ALTERATION? OR EDIT OR EDITS OR EDITED OR EDITING
S13	7279264	CHANG??? ?
S14	23692	LDAP OR LDAPS OR (LIGHTWEIGHT OR LIGHT()WEIGHT) (1W) (DIRECT- OR? OR DATA OR DATABASE?) (1W)ACCESS?(1W)PROTOCOL?
S15	1950434	DATABASE? OR DATASET? OR DATABANK? OR DATASTOR? OR DATAFIL- E? OR DATADEPOSIT? OR DATAREPOSIT? OR DATAWAREHOUS? OR DATAMA- RT?
S16	125	DATA COLLECT? OR DATA LIBRAR?
S17	538405	DATA() (SET? ? OR BASE? ? OR BANK? ? OR STORE? ? OR STORAGE OR FILE? ? OR DEPOSITOR? OR REPOSITOR? OR WAREHOUS? OR WARE()- HOUS??? ?)
S18	157632	DATA() (MART? ? OR MARKET? ? OR ARCHIV? OR STOREHOUS? OR LI- BRAR? OR COLLECTION?)
S19	1359451	S8(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR ENTRI- ES)
S20	79233	S9:S10(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR E- NTRIES)
S21	536694	S11:S13(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR - ENTRIES)
S22	1699	S7(S)S19
S23	39	S22(S)S20:S21

S24	169	S7(S)S20
S25	23	S24(S)(S19 OR S21)
S26	1104	S7(S)S21
S27	58	S26(S)S19:S20
S28	0	(S23 OR S25 OR S27)(S)S14
S29	29	(S23 OR S25 OR S27)(S)S15:S18
S30	0	S14(S)(S22 OR S24 OR S26)
S31	3976	S14(S)S8
S32	260	S31(S)S9:S10
S33	658	S31(S)S11:S13
S34	836	S14(S)S9:S10
S35	249	S34(S)S11:S13
S36	0	S7(S)(S32:S33 OR S35)
S37	8	S29/2000:2005
S38	29	S29 NOT S30
S39	19	RD (unique items)

39/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04053297 Supplier Number: 45896871 (USE FORMAT 7 FOR FULLTEXT)
SYBASE SQL SERVER 11 DELIVERS UNMATCHED PERFORMANCE, SCALABILITY, AND QUALITY
PR Newswire, p1030LA034
Oct 30, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1802

... single log. Sybase solved this problem by incorporating private log caches.

Additionally, Sybase also accelerated data access and update performance through table partitions and in-place updates. Table partitions accelerate access to data stored on disk by dividing tables into logical segments. In-place updates eliminate data movement and I/O for data stored in-memory.

To ensure optimized performance and scalability, customers can use Sybase SQL Monitor to...

39/3,K/16 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01908962 SUPPLIER NUMBER: 18046547 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Parallel processing with DB2 PE. (IBM's DBMS) (Server Side) (Product Information) (Column)
Miller, Stewart
DBMS, v9, n3, p75(4)
March, 1996
DOCUMENT TYPE: Column ISSN: 1041-5173 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3985 LINE COUNT: 00326

... 6000 parallel environment is not limited to queries; rather, it can also be used for database updates and running utilities. The hashing algorithm, used for table partitioning, determines the appropriate node that inserts a row into a table. During index maintenance, locking and logging processes are distributed across processors, index entries are

updated , and row information is logged at the same node. DB2 PE instructs each processor to access only the portion of the database that it owns locally; therefore, a processor does not have to request access permission from remote processors before accessing its local data store . This approach eliminates the need for a global lock table.

DB2 PE is built upon the Data Management...change due to insert, delete, and update activities. For instance, insertions sometimes result in overflow data blocks, and deletions may result in gaps. Therefore, table data may no longer be stored on contiguous disk pages. Insert and delete activity can also result in table partitions at some nodes that contain more data than others, creating a skewed data distribution. As additional data accumulates in the database over time, it is often necessary to increase the amount of table declustering in order to accommodate additional data .

Database files can be compacted and reclustered at each node via DB2 PE's Reorg...
?

File 696:DIALOG Telecom. Newsletters 1995-2005/Apr 27
(c) 2005 The Dialog Corp.
File 15:ABI/Inform(R) 1971-2005/Apr 28
(c) 2005 ProQuest Info&Learning
File 98:General Sci Abs/Full-Text 1984-2004/Dec
(c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2005/Dec
(c) 2005 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2005/Apr W4
(c) 2005 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2005/Apr 28
(c) 2005 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2005/Apr 28
(c) 2005 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 610:Business Wire 1999-2005/Apr 28
(c) 2005 Business Wire.
File 369:New Scientist 1994-2005/Mar W4
(c) 2005 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 624:McGraw-Hill Publications 1985-2005/Apr 28
(c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2005/Apr 27
(c) 2005 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2005/Apr W2
(c) 2005 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/Apr W3
(c) 2005 IDG Communications

Set	Items	Description
S1	789290	TABLE OR TABLES
S2	2818531	RESULTS OR RESULTS
S3	934247	CACHE? ? OR MEMORY? OR MEMORIES OR STORAGE
S4	153	MULTITABLE? OR MULTICACH? OR MULTIMEMOR? OR MULTISTORAGE
S5	107952	(MULTIPL? OR MANY OR MULTI OR SEVERAL OR NUMEROUS OR ADDIT- IONAL OR PLURALIT? OR DIFFERENT OR SECOND OR 2ND) (1W)S1:S3
S6	117331	(GROUP? ? OR NUMBER OR PAIR? ? OR SERIES OR ANOTHER OR DUAL OR TWO OR THREE OR COUPLE OR TRIO OR THIRD OR 3RD) (1W)S1:S3
S7	68462	S1:S4(3N)(PARTITION? OR SECTION? OR PORTION? OR SEGMENT? OR SUBDIVID? OR SUBDIVIS? OR DIVID? OR DIVISION?)
S8	4854987	ADD OR ADDS OR ADDED OR ADDING OR ADDITIONAL
S9	1414030	REMOVE OR REMOVES OR REMOVED OR REMOVING OR DELET???? ? OR PURG???? ? OR ELIMINAT? OR DISCARD? OR EXTIRP? OR EXPULS?
S10	93962	ERAS???? ? OR EXPEL??? ? OR EXPELL??? ?
S11	2435381	UPDAT???? ? OR MODIFY? OR MODIFIE? ? OR MODIFICATION? OR U- P()DAT???? ? OR EMEND? OR AMEND? OR RECTIF? OR CORRECT? OR RE- VIS???? ?
S12	728521	ALTER?? ? OR ALTERING OR ALTERR? OR ALTERATION? OR EDIT OR EDITS OR EDITED OR EDITING
S13	4060604	CHANG??? ?
S14	8704	LDAP OR LDAPS OR (LIGHTWEIGHT OR LIGHT()WEIGHT) (1W) (DIRECT- OR? OR DATA OR DATABASE?) (1W)ACCESS?(1W)PROTOCOL?
S15	615210	DATABASE? OR DATASET? OR DATABANK? OR DATASTOR? OR DATAFIL- E? OR DATADEPOSIT? OR DATAREPOSIT? OR DATAWAREHOUS? OR DATAMA- RT?

S16 240 DATACOLLECT? OR DATALIBRAR?
 S17 249791 DATA() (SET? ? OR BASE? ? OR BANK? ? OR STORE? ? OR STORAGE
 OR FILE? ? OR DEPOSITOR? OR REPOSITOR? OR WAREHOUS? OR WARE()-
 HOUS??? ?)
 S18 89951 DATA() (MART? ? OR MARKET? ? OR ARCHIV? OR STOREHOUS? OR LI-
 BRAR? OR COLLECTION?)
 S19 537035 S8(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR ENTRI-
 ES)
 S20 36136 S9:S10(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR E-
 NTRIES)
 S21 236930 S11:S13(3N) (DATA OR INFORMATION OR OBJECT? ? OR ENTRY? OR -
 ENTRIES)
 S22 733 S7(S)S19
 S23 11 S22(S)S20:S21
 S24 76 S7(S)S20
 S25 7 S24(S) (S19 OR S21)
 S26 520 S7(S)S21
 S27 18 S26(S)S19:S20
 S28 0 (S23 OR S25 OR S27) (S)S14
 S29 4 (S23 OR S25 OR S27) (S)S15:S18
 S30 0 S14(S) (S22 OR S24 OR S26)
 S31 1777 S14(S)S8
 S32 212 S31(S)S9:S10
 S33 500 S31(S)S11:S13
 S34 453 S14(S)S9:S10
 S35 198 S34(S)S11:S13
 S36 1 S7(S) (S32:S33 OR S35)
 S37 5 S29 OR S36
 S38 2 S37/2000:2005
 S39 3 S37 NOT S38
 S40 3 RD (unique items)
 ?

File 347: JAPIO Nov 1976-2004/Dec(Updated 050405)
 (c) 2005 JPO & JAPIO
 File 350: Derwent WPIX 1963-2005/UD,UM &UP=200526
 (c) 2005 Thomson Derwent
 File 348: EUROPEAN PATENTS 1978-2005/Apr W03
 (c) 2005 European Patent Office
 File 349: PCT FULLTEXT 1979-2005/UB=20050421,UT=20050414
 (c) 2005 WIPO/Univentio
 File 324: German Patents Fulltext 1967-200516
 (c) 2005 Univention

Set	Items	Description
S1	548	AU=HARVEY R?
S2	262	AMEND?(5N)DATABASE?
S3	1	S1 AND S2

3/5/1 (Item 1 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2005 European Patent Office. All rts. reserv.

01306691

A METHOD OF AMENDING DATABASE CONTENTS
 EIN VERFAHREN UM DEN INHALT EINER DATENBANK ZU VERANDERN
 PROCEDE PERMETTANT DE MODIFIER LE CONTENU D'UNE BASE DE DONNEES
 PATENT ASSIGNEE:

Computer Associates Think, Inc., (2947530), One Computer Associates Plaza
 , Islandia, New York 11749, (US), (Applicant designated States: all)

INVENTOR:

HARVEY, Richard, H. , 4 Odette Court, Ringwood, VIC 3134, (AU)

LEGAL REPRESENTATIVE:

Dunlop, Hugh Christopher et al (59552), R G C Jenkins &Co., 26 Caxton
 Street, London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 1234255 A1 020828 (Basic)
 WO 2001039044 010531

APPLICATION (CC, No, Date): EP 2000980693 001124; WO 2000US32121 001124

PRIORITY (CC, No, Date): AU 99PQ4285 991126

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
 LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED PATENTS (WO A): US 6122627 A ; US 6085188 A ; US 5987446 A ; US
 5432931 A

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010725 A1 International application. (Art. 158(1))

Application: 010725 A1 International application entering European
 phase

Application: 020828 A1 Published application with search report

Examination: 020828 A1 Date of request for examination: 20020618

Change: 030305 A1 Inventor information changed: 20030116

Search Report: 030521 A1 Date of drawing up and dispatch of
 supplementary:search report 20030408

Examination: 030917 A1 Date of dispatch of the first examination
 report: 20030801

LANGUAGE (Publication,Procedural,Application): English; English; English